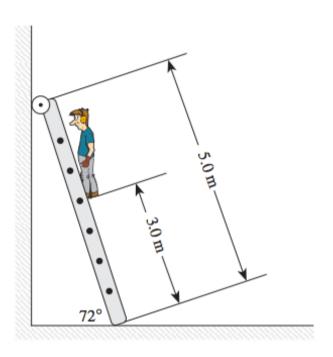
A 65 kg man is 3.0 m up a 5.0 m, 16 kg ladder leaning against a smooth wall at an angle of 72° as shown below. What minimum force of friction between the ladder and the floor is required to keep the ladder from sliding?



ANSWER:

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